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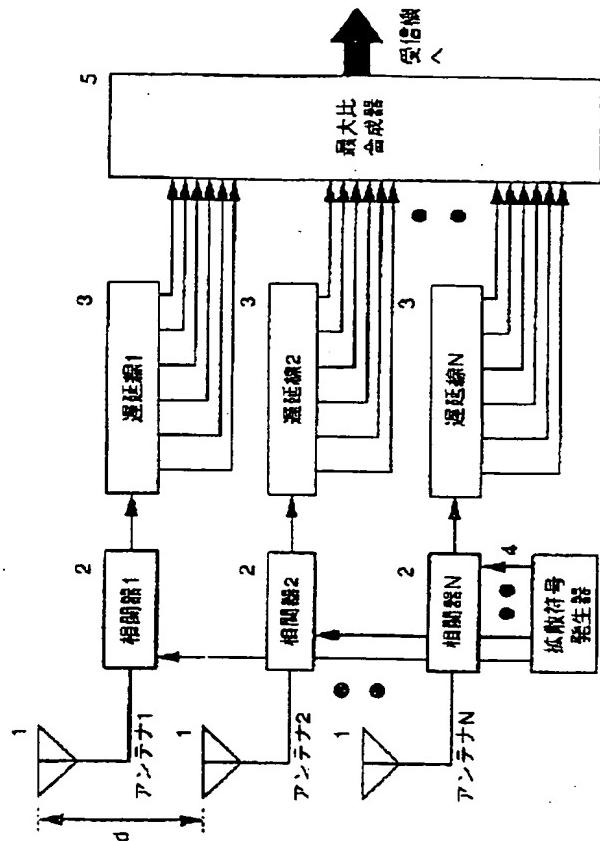
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TITLE : DIVERSITY SYSTEM



ABSTRACT : PURPOSE: To provide the diversity system without reducing a channel capacity as a whole even when the distribution of a mobile station is locally in existence.

CONSTITUTION: The space diversity system having plural antennas 1 and the code division multiple access system(CDMA) using the spread spectrum modulation system having a correlation device 2, a delay line 3 and a maximum ratio synthesizer 5 are combined. The combined directivity of plural antennas is directed in the direction of a transmission station by the maximum ratio synthesis. The antenna beam is formed to each transmission station by executing maximum ratio system for each line and the beam is directed in the direction of the transmission station.

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